

REVOCATION & GENERAL POWER OF ATTORNEY
and
CHANGE IN CORRESPONDENCE ADDRESS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

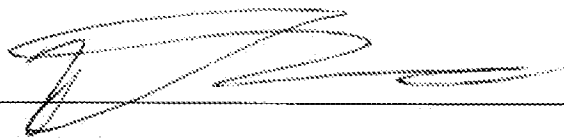
The undersigned is an empowered representative of the Assignee and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, **Customer No. 14,870**, as attorneys and agents to represent the Assignee before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned to the Assignee according to the USPTO assignment records or assignment documents supplied with an accompanying Statement Under 37 C.F.R. § 3.73(b). This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Submission of this paper in connection with any matter of the below named assignee, together with a statement under 37 C.F.R. § 3.73(b), shall serve to revoke any previous powers of attorney in that matter.

Attached is a Statement Under 37 C.F.R. § 3.73(b), signed by a registrant of Knobbe, Martens, Olson & Bear, LLP, setting forth a full chain of title for the subject application owned by the Assignee named below.

Please recognize or change the correspondence address for the application identified in the attached Statement to **Customer No. 14,870**.

By:



Date: May 10, 2011

Name: Katherine Umpleby

Title: Vice President, Chief Patent Counsel

Assignee: QUALCOMM Incorporated

Address: 5775 Morehouse Drive, San Diego, CA 92121

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